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XXXIV.—*On new Thyrididæ and Pyralidæ.*

By Sir GEORGE F. HAMPSON, Bart., B.A., F.Z.S., &c.

[Continued from p. 222.]

GENUS LAMPROPYGIA, nov.

Proboscis fully developed; palpi short, upturned, not reaching vertex of head; maxillary palpi filiform; antennæ with cilia and bristles, a tuft of hair between and behind them. Fore wing with the apex rather produced and acute, the termen slightly excised below it; vein 3 from angle of cell; 4, 5 stalked; 6 from upper angle; 7, 8, 9 stalked, 7 from beyond 9; 10, 11 from cell. Hind wing with vein 3 from angle of cell; 4, 5 stalked; 6, 7 from upper angle.

Lampropygia metachrysalis, sp. n.

♂. Head and thorax purplish brown mixed with grey; pectus and legs orange, the latter rufous in front; abdomen orange with obscure brown dorsal bands. Fore wing purplish brown suffused and irrorated with silvery grey; the costal area silvery white from before middle to near apex, with series of small brown spots on it; traces of an almost medial silvery band oblique from costa to median nervure, then inwardly oblique, almost erect below vein 1; small silvery

spots in end of cell and on discocellulars; an indistinct, diffused, silvery, subterminal band, incurved below vein 2; a silvery terminal line; cilia pale, with a purple-brown line through them. Hind wing golden orange; an almost terminal series of small black-brown spots.

Hab. ASHANTI, Kumassi (*Whiteside*), 1 ♂ type. *Exp.* 26 mm.

(1 a.) *Pyralis ænalis*, sp. n.

♂. Head and thorax purplish grey mixed with reddish brown; legs whitish, the fore tarsi black with whitish rings; abdomen purplish grey, with obscure dark dorsal bands. Fore wing purplish grey irrorated with dark reddish brown; a dark patch at base of costa; antemedial line dark brown, expanding into a patch at costa, excurved at median nervure and above inner margin; some brown points on medial part of costa; a dark discoidal spot; postmedial line expanding into a patch on costa and defined by whitish on outer side, angled inwards below costa, excurved and minutely dentate between veins 5 and 2; a terminal series of dark points. Hind wing yellowish white, with some slight dark points on termen.

Hab. CEYLON (*Mackwood*), 1 ♂ type. *Exp.* 12 mm.

(1 b.) *Pyralis costipunctalis*, sp. n.

♂. Fore wing with veins 4, 5 stalked. Head, thorax, and abdomen yellow-brown. Fore wing brown, thickly irrorated with fuscous, leaving the costal area yellowish brown, with a prominent series of black spots on the costa. Hind wing fuscous with a yellowish tinge; cilia of both wings pale.

Hab. BORNEO, Sandakan (*Pryer*), 1 ♂ type. *Exp.* 16 mm.

(1 c.) *Pyralis flavimedialis*, sp. n.

Head pale yellow; thorax and abdomen purplish red, the latter with the last two segments orange; legs orange; wings purplish red irrorated with a few white scales. Fore wing with quadrate orange patch on medial costal area, bounded by the sinuous white ante- and postmedial lines, which are approximated below the cell, then obsolescent; a dark discoidal point. Hind wing with two fine, sinuous, medial white lines; both wings with the termen and cilia orange.

Hab. NIGERIA, Warri (*Roth*); Borgu, Yelwa L. (*Migeod*), 1 ♂ type. *Exp.* 20 mm. Type ♀ in Coll. Rothschild.

(15 a.) *Pyralis bryalis*, sp. n.

♂. Head, thorax, and abdomen rufous mixed with whitish and black; fore tarsi ringed with whitish; abdomen with whitish band at base. Fore wing whitish suffused with rufous on basal, inner, and terminal areas and irrorated with rufous and black; traces of a pale waved subbasal line from costa to submedian fold; antemedial line black with a whitish band before it, curved and slightly waved; the medial part of costa with series of whitish points; a small whitish discoidal spot, obscurely ringed with black and with some blackish suffusion below it; postmedial line whitish defined on each side by black scaling, expanding into a whitish spot on costa, excurved and minutely waved at middle, incurved at submedian fold; a series of black points at base of cilia. Hind wing yellowish white largely suffused with fiery red and thickly irrorated with black; a waved whitish subbasal line defined on each side by black scaling; a waved whitish medial line from upper angle of cell to inner margin defined on each side by black scaling; an obscure whitish subterminal line defined on inner side by black scaling, incurved to costa, angled inwards in discal fold and obsolete towards tornus; a series of black points at base of cilia.

♀. Fore wing rather darker, the whitish bands before the ante- and postmedial lines reduced.

Hab. SIERRA LEONE (*Clements*), 2 ♂, 1 ♀ type. *Exp.*, ♂ 12, ♀ 14 mm.

(16 a.) *Pyralis cautalis*, sp. n.

Head, thorax, and abdomen ochreous suffused and irrorated with fiery red; palpi and fore legs banded with black. Fore wing ochreous with a slight olive tinge; the basal and terminal areas suffused and the medial area irrorated with fiery red; a sinuous ochreous antemedial line defined on each side by red scaling; medial part of costa with series of ochreous points with short blackish streaks between them; postmedial line indistinct, ochreous, bent outwards and minutely waved between veins 5 and 2, then retracted to below end of cell and bent outwards to inner margin; cilia fuscous with a fine ochreous line at base. Hind wing ochreous suffused with fiery red, the basal and medial areas suffused with black, the terminal area irrorated with black; a slightly sinuous oblique whitish antemedial line; two black discoidal points on confluent whitish spots; a curved dentate postmedial line; cilia fuscous with fine ochreous line at base.

Hab. SIERRA LEONE (*Clements*), 1 ♂, 2 ♀ type. *Exp.*,
♂ 14, ♀ 16 mm.

(16*b*) *Pyralis ectæmialis*, sp. n.

Head, thorax, and abdomen brownish ochreous; palpi and fore legs in front fuscous. Fore wing brownish ochreous tinged with red; traces of a brownish antemedial line; a small black discoidal spot; some faint pale points on medial part of costa; postmedial line indistinct, red, slightly excurved, the terminal area from just beyond it crimson; a terminal series of black points; cilia fuscous with a fine pale line at base. Hind wing brownish ochreous irrorated with fuscous and suffused with reddish especially on terminal area; curved dark ante- and postmedial lines; a terminal series of black points; cilia fuscous with a fine pale line at base.

Hab. SIERRA LEONE (*Clements*), 2 ♂ type; ASHANTI, Kumassi (*Whiteside*), 1 ♂, 1 ♀. *Exp.* 16-18 mm.

(18*a*.) *Pyralis flavicapitalis*, sp. n.

♂. Black-brown; head and extremity of abdomen orange-yellow; legs yellow in parts. Fore wing with fine curved antemedial and slightly sinuous postmedial yellow lines; the costal area between them yellow with series of black points on costa; a black discoidal point. Hind wing with indistinct, fine, curved, yellow medial line; both wings with fine pale line at base of costa.

Hab. SIERRA LEONE (*Clements*), 2 ♂ type. *Exp.* 16 mm.

(19*a*.) *Pyralis anæmicalis*, sp. n.

♂. Head and thorax ochreous tinged with rufous; fore legs fuscous in front; abdomen ochreous, dorsally irrorated with brown. Fore wing ochreous thickly and evenly irrorated with pale rufous; an indistinct pale postmedial line excurved from costa to vein 4, then incurved, the area beyond it slightly darker. Hind wing ochreous slightly irrorated with brown; a rather broad terminal more thickly irrorated band.

Hab. BR. E. AFRICA, Kikuyū (*Crawshay*), 1 ♂ type. *Exp.* 16 mm.

(20.) *Pyralis lorymalis*, sp. n.

Palpi with the second joint triangularly tufted with hair in front at extremity, the third long and acuminate.

♀. Head, thorax, and abdomen whitish suffused with red-

brown. Fore wing whitish tinged with red-brown; a red-brown fascia on inner margin from near base to middle, then obliquely bent upwards and ending in a point just above vein 1; a large triangular reddish-brown patch defined by a dark line extending on costa from before middle to near apex and down to submedian fold with a series of brown points on costa, the median nervure and vein 5 remaining pale; a fine brown terminal line; cilia brownish with a fine white line at base. Hind wing white tinged with brown.

Hab. ADEN (*Yerbury*), 1 ♀ type. *Exp.* 22 mm.

(21.) *Pyralis digonialis*, sp. n.

Head and thorax whitish tinged with yellow-brown; abdomen whitish, dorsally irrorated with black. Fore wing whitish tinged with red-brown; a series of small quadrate black spots with whitish spots between them on costa from base to near apex; an oblique triangular wedge-shaped patch from inner margin rather before middle to submedian fold below end of cell, defined by whitish; a large triangular blackish patch extending on costa from before middle to near apex and down to vein 2, defined by whitish; a rather punctiform dark terminal line; cilia whitish with fuscous line through them, and fuscous tips. Hind wing white slightly tinged and irrorated with brown; a fine terminal line; cilia with a fuscous line near base; the underside with oblique dark line from costa beyond middle to lower angle of cell.

Hab. BASUTOLAND, Mohalishoek (*Crawshay*), 2 ♂, 3 ♀ type; CAPE COLONY, Annshaw (*Miss F. Barrett*), 1 ♀. *Exp.* 20-24 mm.

Genus *ELÆALIS*, nov.

Proboscis fully developed; palpi upturned, the second joint reaching vertex of head and fringed with hair in front, the third moderate, acuminate; maxillary palpi filiform; antennæ of male ciliated. Fore wing rather narrow, the apex somewhat produced and the termen obliquely curved; vein 3 from before angle of cell; 4, 5 stalked; 6 from upper angle; 7, 8, 9 stalked; 10, 11 from cell. Hind wing with vein 3 from before angle of cell; 4, 5 radiating from angle; 6, 7 stalked.

Elæalis olivalis, sp. n.

Head and thorax olive-yellow, more or less tinged with rufous and irrorated with black; abdomen ochreous, the terminal half irrorated with black. Fore wing olive-yellow,

more or less strongly tinged with rufous and irrorated with large black scales; the basal part of costa suffused with black; an antemedial diffused black band oblique from costa to median nervure, then incurved; medial part of costa with series of small pale spots with short black streaks between them; a small discoidal tuft of raised black scales; a diffused oblique postmedial black band defined by whitish on outer side and somewhat angled inwards in submedian fold; the terminal area usually somewhat redder; a terminal series of small black spots. Hind wing ochreous slightly tinged with rufous, especially on terminal area; some black points on termen; the underside redder with blackish discoidal spot and curved postmedial line.

Hab. BR. E. AFRICA, Kikuyu (*Crawshay*), 1 ♂, Uganda Ry., Mile 478 (*Betton*), 6 ♂, 2 ♀ type. *Exp.* 22 mm.

(1 a.) *Tegulifera camptoceralis*, sp. n.

♂. Patagia extending to middle of abdomen; palpi with the second joint nearly straight, the third upturned; antennæ with the basal joint very long, dilated with hair towards extremity forming a slight hollow, the shaft then pectinate with short branches at base on upperside and with rather long branches to one half on underside, the apical half simple.

Head and thorax pale dull olive-green, the latter with a rufous tinge on dorsum; abdomen fulvous yellow irrorated with a few black scales. Fore wing dull olive-green slightly tinged with rufous; an indistinct red-brown antemedial line, slightly excurved at middle; a slight discoidal point; postmedial line rather near termen, indistinct, red-brown, excurved from costa to vein 4, then incurved; the medial part of costa with series of minute grey spots with brownish streaks between them; a terminal series of dark points. Hind wing golden yellow with a reddish tinge; an indistinct curved brownish postmedial line ending near tornus; a terminal series of dark striæ. Underside paler; fore wing with the discal area suffused with rufous; hind wing with the costal area suffused with rufous and irrorated with brown; both wings with slight discoidal lunule and distinct postmedial line.

Hab. ASHANTI, Kumassi (*Whiteside*), 3 ♂, 1 ♀; NIGERIA, Old Calabar (*Sampson, Crompton*), 4 ♂ type. *Exp.* 28 mm.

(1 b.) *Tegulifera sanguiciliaris*, sp. n.

♂. Patagia extending to middle of abdomen; fore wing with veins 4, 5 stalked.

Head and thorax pale olive-brown; abdomen brown, the anal tuft tinged with crimson. Fore wing pale olive-brown slightly irrorated with fuscous; a fuscous antemedial line slightly excurved at middle; a small black discoidal spot; medial part of costa with series of pale and black points; postmedial line fuscous, slightly excurved at middle and ending near tornus; apex slightly suffused with black; a terminal series of black points; cilia bright crimson with fine pale line at base. Hind wing pale olive-brown irrorated with fuscous; a rather oblique antemedial fuscous line; a curved line from middle of costa to inner margin near tornus; a terminal series of black striæ; cilia bright crimson with fine pale line at base; the underside without the antemedial line, the postmedial line stronger.

Hub. SIERRA LEONE (*Clements*), 4 ♂ type; ASHANTI, Kumassi (*Whiteside*), 1 ♂. *Exp.* 14-18 mm.

(2 a.) *Tegulifera chrysoproctalis*, sp. n.

♂. Head and thorax dark red irrorated with black, tips of patagia black; abdomen ochreous suffused with fuscous, the anal tuft orange-yellow. Fore wing fuscous suffused with dark red; ante- and postmedial sinuous black lines, the former curved and defined by ochreous on inner side, the latter slightly excurved at middle and defined by ochreous on outer side; ochreous specks on medial part of costa; a black discocellular spot; a marginal series of black specks. Hind wings fuscous with fine yellow line at base of cilia.

Hub. S. LEONE (*Clements*), 1 ♂, 1 ♀ type; NIGERIA, Old Calabar (*Crompton*), 2 ♂. *Exp.* 24 mm.

(2 b.) *Tegulifera nigricinctalis*, sp. n.

Ochreous tinged with rufous; abdomen with dorsal black band on second segment. Fore wing with the basal third dark rufous, its outer edge angled below costa; the medial area ochreous irrorated with rufous and with a dark discoidal point; the terminal area rufous, with oblique, slightly sinuous, dark line on its inner edge. Hind wing fuscous, with indistinct curved postmedial line; cilia of both wings with pale line at base.

Hub. S. LEONE (*Clements*, *F. C. Smith*), 1 ♂, 1 ♀ type, Port Lokko (*Penny*), 1 ♀; NIGERIA, Old Calabar (*Crompton*), 1 ♀. *Exp.*, ♂ 20, ♀ 22 mm.

(3 a) *Tegulifera craspedalis*, sp. n.

Head and thorax greyish rufous; abdomen greyish slightly tinged with rufous and irrorated with black. Fore wing

brownish grey irrorated with large black scales; a black discoidal point; the postmedial line near termen whitish, somewhat oblique and slightly bent outwards below vein 2, the area beyond it chocolate-brown; cilia black at base, white at tips. Hind wing brownish grey irrorated with large black scales; indistinct, slightly curved, pale ante- and postmedial lines; cilia black at base, white at tips.

Hab. PANAMA, La Chorrera (*Dolby-Tyler*), 1 ♂; BRAZIL, Organ Mts., Tijuca (*Wagner*), 1 ♂, 1 ♀ type. *Exp.* 16-18 mm.

(3 b.) *Tegulifera epipyralis*, sp. n.

♀. Head, thorax, and abdomen bright red-brown; palpi, pectus, legs, and ventral surface of abdomen fuscous, the mid tarsi and hind tibiæ and tarsi pale. Fore wing bright red-brown with slight dark irroration; antemedial line nearly straight, fuscous, defined by whitish on inner side; the medial area with series of slight pale points on costa; a small blackish discoidal spot; postmedial line fuscous defined by whitish on outer side, very slightly incurved; a terminal series of slight black points; cilia tinged with fuscous, with fine pale line at base. Hind wing bright red-brown, with slight dark irroration; ante- and postmedial lines oblique, nearly straight, fuscous defined by whitish, the former on inner side, the latter on outer; cilia tinged with fuscous and with fine pale line at base.

Hab. ASHANTI, Kumassi (*Whiteside*), 1 ♀ type. *Exp.* 24 mm.

(4 a.) *Tegulifera vinotinctalis*, sp. n.

♂. Vertex of head with upturned tufts of hair; head, thorax, and abdomen olive-ochreous, thorax tinged with red; abdomen irrorated with black. Fore wing with the basal and outer areas deep purplish pink bounded by ochreous lines, the basal area with its edge concave, the outer oblique and sinuous; the medial area olive-ochreous, with black discoidal spot and series of red specks on costa. Hind wing fuscous, with two ochreous medial lines converging towards anal angle; cilia purplish pink, with fine ochreous line at base.

Hab. S. LEONE (*Clements*), 4 ♂ type. *Exp.* 20 mm.

(6 a.) *Tegulifera holothermalis*, sp. n.

♂. Head, thorax, and abdomen bright rufous. Fore wing bright rufous with slight dark irroration; an indistinct erect antemedial line defined by yellowish on inner side; a small

blackish discoidal spot; an indistinct postmedial line defined by yellowish on outer side, slightly incurved below vein 5; cilia with fine pale line at base and fuscous tips. Hind wing whitish suffused with fiery red especially on terminal area; traces of a pale curved postmedial line; cilia with fine pale line at base.

♀. Fore wing with the lines and discoidal spot indistinct; hind wing redder.

Ab. 1.—Head, thorax, and fore wing sometimes suffused with brown. Umtali.

Hab. MASHONALAND, Salisbury (*Marshall*), 2 ♂, 1 ♀ type; Umtali (*Marshall*), 1 ♀. *Exp.* 24 mm.

(5 a.) *Stemmatophora xanthozonalis*, sp. n.

♂. Head yellow; thorax red-brown; legs yellowish and brown, the tarsi yellow; abdomen reddish brown mixed with yellow. Fore wing yellowish suffused and irrorated with dark red-brown; broad, straight, somewhat oblique, pale yellow ante- and postmedial bands defined by dark lines on outer side of former and inner side of latter; cilia black at base, whitish at tips. Hind wing suffused with dark red-brown, especially on terminal area; a broad, curved, pale yellow postmedial band defined by a dark line on inner side.

Hab. CAPE COLONY, Transkei (*Miss F. Barrett*), 1 ♂ type. *Exp.* 20 mm.

(6 a.) *Stemmatophora rubricostalis*, sp. n.

♂. Dull brown; abdomen tinged with black at base and middle. Fore wing with the costal area suffused with red, a series of pale specks on the costa; the wing sparsely irrorated with black scales; traces of a pale waved antemedial line; a black discoidal spot; a minutely dentate blackish postmedial line defined by ochreous on outer side, pale at costa and excurved from below costa to submedian fold, where it is strongly angled inwards; terminal and ciliary series of blackish points. Hind wing suffused with fuscous black; an indistinct waved blackish antemedial line; a minutely dentate postmedial curved line, defined by ochreous on outer side; terminal and ciliary series of black points.

Hab. JAVA. *Exp.* 20 mm. Type in Coll. Rothschild.

(6 b.) *Stemmatophora olivalis*, sp. n.

♂. Head, thorax, and abdomen olive-yellow, the last irrorated with a few dark scales. Fore wing olive-yellow with slight dark irroration; traces of a sinuous antemedial

line; a black discoidal point; some black specks on medial part of costa; the postmedial line placed towards termen, slight, dark, somewhat excurved at middle and narrowly defined by olive on outer side; the terminal area purple-red irrorated with black; cilia with fine pale line at base, followed by a black line. Hind wing purple-red irrorated with black; a curved subbasal black line defined by whitish on inner side; the medial line defined by whitish on outer side, oblique from costa to submedian fold, then sinuous; cilia with fine pale line at base, followed by a black line.

Hab. CEYLON, Haldamulla (*Mackwood*), 1 ♂ type. *Exp.* 20 mm.

(6c.) *Stemmatophora rubicundalis*, sp. n.

Head, thorax, and abdomen purplish red, legs streaked with black, metathorax with a black patch, abdomen with a dorsal black band at middle. Fore wing purplish red; an indistinct antemedial pale line slightly angled at median nervure; a black discoidal spot; a pale curved line from costa before apex to tornus, with the area beyond it blackish slightly tinged with red. Hind wing whitish suffused with fuscous and slightly tinged with red; a pale slightly sinuous postmedial line ending at tornus; a terminal black line; a pale line at base of cilia. Underside of fore wing with series of pale points.

Hab. CAPE COLONY, Transkei (*Miss F. Barrett*), 3 ♂ type. *Exp.* 24 mm.

(11a.) *Stemmatophora scotalis*, sp. n.

♂. Head, thorax, and abdomen fuscous black mixed with some grey; tarsi ringed with white. Fore wing grey almost wholly suffused and thickly irrorated with black; the medial area darker, with some pale points on costa; antemedial line pale defined by black on outer side, bisinuate; a black discoidal spot; postmedial line pale defined by black on inner side, slightly angled inwards below costa and at submedian fold; a terminal series of black points. Hind wing fuscous with a fine pale line at base of cilia.

The specimen from Kashmir is browner and less black, the lines of fore wing closer together, and the antemedial line more sinuous.

Hab. KASHMIR, Goo rais Valley (*Leech*), 1 ♂; PUNJAB, Kangra Valley, 4500 feet (*Dudgeon*), 1 ♂ type. *Exp.* 22-24 mm.

(11 b.) *Stemmatophora fuliginalis*, sp. n.

♀. Sooty black; head dull rufous; palpi ochreous white; fore coxæ with some pale scales at extremity; mid tarsi and hind tarsi except basal joint ochreous white; abdomen with slight pale segmental rings. Fore wing with the antemedial line represented by a whitish point in submedian fold, with traces of a pale line from it to inner margin; the postmedial line whitish, excurved and almost obsolete between veins 7 and 2, and with a more prominent small spot in submedian fold. Hind wing with the base of costal area greyish; an obliquely curved whitish antemedial line, waved and stronger on inner area; postmedial line whitish, curved, obsolescent on costal half, strong and waved on inner half, bent inwards to inner margin.

Hab. BENGAL, Calcutta, 1 ♀ type. *Exp.* 30 mm.

(14 a.) *Stemmatophora glaucalis*, sp. n.

♂. Head and thorax pale yellow-brown with an olive tinge; abdomen ochreous. Fore wing pale olive-brown, the costal area strongly tinged with pink; indistinct, nearly straight, pale ante- and postmedial lines, with ochreous points between them on costa and dark discoidal point; a terminal series of dark points; cilia fuscous. Hind wing pale yellow-brown with nearly straight dark postmedial line, the area beyond it tinged with fuscous; a fine dark terminal line; cilia fuscous.

Hab. SIERRA LEONE (*Clements*), 1 ♂ type. *Exp.* 24 mm.

(18 a.) *Herculia flummealis*, sp. n.

♀. Fiery red; tarsi whitish. Fore wing slightly irrorated with deeper red; a straight, erect, whitish antemedial line defined by deep red on outer side; some white points on medial part of costa and a faint deep red discoidal spot; postmedial line whitish defined by deep red on inner side, slightly excurved at middle; a fine pale line at base of cilia. Hind wing rather paler; an obliquely curved whitish postmedial line; a fine pale line at base of cilia.

Hab. MADRAS, Bellary, Ramandrug, 3000 feet (*Campbell*). *Exp.* 24 mm. Type in B.M.

(23 a.) *Herculia ignefimbrialis*, sp. n.

♂. Head, thorax, and abdomen dark purplish red-brown; pectus and legs paler; abdomen with the ventral surface yellow. Fore wing deep red suffused with fuscous and

irrorated with black; the ante- and postmedial lines yellowish, slightly sinuous, arising from yellow patches on costa; the medial part of costa with slight yellowish points; traces of a small blackish discoidal spot; termen black with a silvery gloss; cilia yellow with a fiery-red line through them. Hind wing deep red suffused with fuscous and irrorated with black; ante- and postmedial lines yellowish, slightly sinuous; termen black with a silvery gloss; cilia yellow with a fiery-red line through them; the underside with whitish postmedial line defined by blackish on each side.

Hab. ASHANTI, Kumassi (*Whiteside*), 1 ♂ type. *Exp.* 18 mm.

(24 a.) *Herculia tristalis*, sp. n.

Head and thorax dull greyish fuscous, the head tinged with rufous, the palpi yellowish; abdomen greyish fuscous, reddish irrorated with fuscous towards extremity. Fore wing greyish suffused and irrorated with fuscous brown, the medial area reddish especially towards costa; a slight ante-medial line with yellowish mark at costa; the medial area with yellowish points on costa, with fuscous streaks between them; postmedial line rather near termen, pale, oblique from costa to submedian fold, then bent outwards; a slight dark terminal line; cilia fuscous, with a fine pale line at base. Hind wing fuscous brown with a greyish gloss; traces of pale curved antemedial and medial lines defined by dark scales on inner side.

Hab. NIGERIA, Sapele (*Sampson*), 1 ♂ type; Old Calabar (*Crompton*), 1 ♀. *Exp.*, ♂ 16, ♀ 22 mm.

(28 a.) *Herculia albifimbrialis*, sp. n.

♀. Head, thorax, and abdomen pale red; tarsi and hind legs grey-white. Fore wing pale cupreous red; the costal edge dark with slight pale points on medial area; a whitish antemedial line slightly defined by fuscous on outer side, excurved from costa to submedian fold, then incurved; a small fuscous discoidal spot; postmedial line whitish slightly defined by fuscous on inner side, somewhat incurved below vein 3; cilia black at base, white at tips. Hind wing pale cupreous red with slight dark irroration; an oblique whitish antemedial line slightly defined by fuscous on outer side; a curved whitish postmedial line slightly defined by fuscous on inner side; cilia black at base, white at tips. Underside of both wings paler irrorated with brown.

Hab. C. CHINA, Kiukiang (*Pratt*), 1 ♀ type. *Exp.* 28 mm.

(5 a.) *Triphassa flammealis*, sp. n.

♂. Head, thorax, and abdomen fiery red; pectus, base of legs, tarsi, and ventral surface of abdomen except at extremity whitish. Fore wing fiery red; the basal and costal areas red-brown with a purplish gloss; antemedial line brown, straight, somewhat outwardly oblique; postmedial line brown, somewhat oblique, almost straight; a fine dark terminal line. Hind wing fiery red with brown ante- and postmedial lines, nearly straight, and meeting above tornus so as to form a U-shaped mark; termen somewhat deeper red; the underside pale yellowish with curved red-brown postmedial line, the termen tinged with red-brown.

Hab. ASHANTI, Kumassi (*Whiteside*), 1 ♂ type. *Exp.* 24 mm.

(7 a.) *Triphassa anæmialis*, sp. n.

♂. Head, thorax, and abdomen very pale olive. Fore wing very pale olive; the antemedial line very indistinct, oblique from costa to median nervure; a faint discoidal spot; the medial part of costa with slight pale points with faint dark streaks between them; postmedial line hardly traceable, excurved from costa to vein 4 and ending at tornus; a fine dark terminal line; cilia whitish. Hind wing very pale olive; traces of obliquely curved ante- and postmedial lines; a fine dark terminal line; cilia whitish. Underside of fore wing with the disk suffused with crimson and irrorated with brown, a small black discoidal spot, the postmedial line oblique from costa to vein 4, then excurved; hind wing suffused with crimson and irrorated with brown at base of costa, in submedian fold, and on terminal area; a slight subbasal line, the postmedial line oblique from costa to vein 3.

Hab. LAGOS (*Sir J. Carter*), 1 ♂ type. *Exp.* 20 mm.

(3.) *Hyboloma pallidalis*, sp. n.

♀. Head and thorax pale rufous; abdomen grey tinged with pale rufous at base and irrorated with black. Fore wing pale rufous slightly irrorated with black, the terminal area somewhat deeper rufous; a small rather diffused black discoidal spot and two obliquely placed postmedial points below the costa. Hind wing pale ochreous, the terminal area tinged with rufous.

Hab. BURMA, Karen Hills, Thandsung (*Doherty*), 1 ♀ type. *Exp.* 22 mm.

(3 a.) *Sacada rhodinalis*, sp. n.

♂. Head and thorax crimson-red; abdomen fuscous, the extremity and ventral surface red. Fore wing deep crimson-red; the rather narrow medial area pale reddish slightly tinged with fuscous, bounded by the white ante- and post-medial lines, the former highly curved, the latter oblique below vein 4; a deep black discoidal spot; some blackish suffusion beyond the postmedial line widest at middle and in submedian interspace; cilia blackish with fine pale line at base. Hind wing yellowish white, with pale crimson terminal band, even in width throughout; the underside with the costal area suffused with crimson, a curved white postmedial line.

Hab. MASHONALAND (*Dobbie*), 1 ♂ type. *Exp.* 28 mm.

(3 b.) *Sacada nigripuncta*, sp. n.

♂. Head, thorax, and abdomen purplish rufous; antennæ with the branches fuscous. Fore wing purplish rufous irrorated with fuscous; the antemedial pale line defined by fuscous on outer side, very highly curved, oblique from costa to below cell, where there is a large yellowish-rufous patch on its inner side; a very prominent black spot at lower angle of cell, with pale discocellular spot above it; the postmedial pale line defined by fuscous on inner side and by yellowish rufous on outer, oblique from costa to vein 5, then sinuous; a fine terminal pale line. Hind wing pale rufous tinged with fuscous; a curved fuscous postmedial line; cilia rufous with fine pale line at base.

Hab. N. GUINEA, Kapaur (*Doherty*), 2 ♂ type. *Exp.* 30 mm.

(3 c.) *Sacada metaxantha*, sp. n.

♂. Differs from *S. nigripuncta* in the fore wing being without black spot; the hind wing golden yellow without trace of postmedial line.

♀. Head, thorax, and abdomen redder; fore wing purplish red with some fiery red in submedian interspace before antemedial line, in and beyond end of cell, and beyond post-medial line; hind wing coppery red.

Hab. N. GUINEA, Kapaur (*Doherty*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 32, ♀ 42 mm.

(10 a.) *Sacada rosealis*, sp. n.

♀. Greyish brown strongly suffused with pink. Fore wing with nearly straight oblique antemedial grey line defined

by black on inner side, most strongly towards inner margin, and with some rufous on its inner side, met at inner margin by the grey postmedial line, which is angled at vein 5, then defined by black on outer side; a black point at lower angle of cell; the costa towards apex and cilia tinged with olive-yellow. Hind wing pink, with indistinct curved postmedial line and some fuscous suffusion towards tornus.

♂. Fore wing with the medial area reddish ochreous; hind wing yellowish white, with curved white postmedial line, the area beyond it slightly tinged with red.

Hab. MASHONALAND, Salisbury (*Marshall, Dobbie*), 2 ♂, 2 ♀ type. *Exp.* 32 mm.

SECT. III.—Antennæ of male ciliated; fore wing broad, the outer margin evenly curved; vein 7 from just beyond 9.

(12.) *Sacada prasinalis*, sp. n.

Head dark rufous; thorax and abdomen pale yellow-green, pectus and legs dark rufous; hind tarsi white. Fore wing pale yellow-green, with fine slightly darker ante- and postmedial lines, the latter slightly excurved beyond cell; a discoidal point; cilia rufous. Hind wing yellowish tinged with red and with green towards tornus; a discoidal point and slightly sinuous postmedial line; a rufous line at base of cilia, which are tipped with pink from middle to near tornus.

Hab. SIERRA LEONE (*Clements*), 1 ♂ type; ASHANTI, Kumassi (*Whiteside*), 1 ♀; NIGERIA, Warri (*Roth*), 1 ♀, Old Calabar (*Crompton*), 1 ♂, 2 ♀. *Exp.* 26–36 mm.

(2 a.) *Paractenia thermalis*, sp. n.

Antennæ of male with short fine branches ending in strongly fasciculate cilia.

Head and thorax bright deep rufous; mid tibiæ blackish; abdomen whitish tinged with rufous and irrorated with fuscous. Fore wing bright deep rufous irrorated with black; antemedial line black, oblique, almost straight, defined by paler rufous on inner side; medial part of costa with minute pale points; discoidal spot deep black; postmedial line defined by paler rufous on outer side, somewhat oblique from costa to vein 5, then slightly incurved. Hind wing whitish tinged with rufous, in female wholly suffused with pale reddish brown; an indistinct curved postmedial line; the underside suffused and irrorated with rufous, the costal area slightly irrorated with black, a small blackish discoidal spot.

Hab. MASHONALAND, Salisbury (*Marshall*), 5 ♂, 1 ♀ type.
Exp. 28-32 mm.

(2 b.) *Paractenia phæomesalis*, sp. n.

♀. Head and thorax dark red-brown, the frons paler; abdomen greyish suffused and irrorated with fuscous, the extremity and ventral surface tinged with rufous. Fore wing red-brown slightly irrorated with fuscous, the medial area rather darker; antemedial line black, very minutely waved, excurved below the cell; the medial part of costa with slight pale points; a small black discoidal spot; postmedial line black slightly defined by paler rufous on outer side, minutely dentate, excurved between veins 7 and 2; a terminal series of black points; cilia with fuscous line near tips. Hind wing whitish tinged with rufous, especially on terminal area; a dark postmedial line defined by whitish on outer side, slightly excurved between veins 5 and 2; a slight dark terminal line; cilia pale, with rufous line near base; the under-side with small black spot at upper angle of cell.

Hab. E. AFRICA, Rabai (*Rogers*), 1 ♀; NATAL, 1 ♀ type.
Exp. 30-34 mm.

(2 c.) *Paractenia atrisparsalis*, sp. n.

♀. Head and thorax rufous irrorated with fuscous; abdomen grey-brown irrorated with fuscous. Fore wing rufous with a cupreous tinge and thickly irrorated with black; antemedial line fuscous, oblique from costa to submedian fold, where it is angled outwards, then angled inwards on vein 1; a small black discoidal spot; postmedial line slightly defined by paler rufous on outer side, excurved and minutely dentate between veins 7 and 2, then slightly angled inwards in submedian fold; a terminal series of slight black points; cilia with slight fuscous line near base. Hind wing whitish tinged with brown, the terminal area rather darker; an indistinct, curved, minutely dentate postmedial line; cilia pale brown at base, whitish at tips; the underside with the costal and terminal areas suffused with reddish brown and irrorated with fuscous.

Hab. MASHONALAND, Salisbury (*Marshall, Dobbie*), 2 ♀; CAPE COLONY, Kokstad (*Miss Pringle*), 1 ♂ type. *Exp.* 32-34 mm.

(2.) *Prosaris pulvereæ*, sp. n.

Hind wing of male without tuft of scales.

♀. Head, thorax, abdomen, and fore wing vinous red thickly irrorated with black, the last with very oblique prominent black medial line angled just below costa, and

similar postmedial line angled at vein 6, the area between them except towards costa and the basal inner area suffused with dirty white; a series of black spots just inside termen, a terminal line, and line through cilia. Hind wing fuscous, with some rufous along vein 2 and on termen; a terminal series of black spots and two lines through the cilia.

♂ darker.

Hab. NATAL, Estcourt (*Hutchinson*), 1 ♀ type; Weenen, 1 ♂. *Exp.* 34 mm.

(3.) *Prosaris rufalis*, sp. n.

♀. Rufous; tarsi fuscous with pale rings. Fore wing rather thickly irrorated with fuscous brown; a dark ante-medial line, somewhat oblique from cell to inner margin; an oblique black line on discocellulars; postmedial line slightly excurved from costa to vein 4, then oblique; cilia tipped with fuscous. Hind wing paler rufous, slightly irrorated with fuscous. Underside of fore wing with indistinct dark spot in middle of cell; hind wing with curved postmedial line.

Hab. MASHONALAND (*Dobbie*), 1 ♀ type. *Exp.* 36 mm.

(1 a.) *Trebania glaucinalis*, sp. n.

Trebania muricolor, Leech, Trans. Ent. Soc. 1901, p. 431 (nec Hmps.).

Head, thorax, and abdomen brownish ochreous; palpi blackish brown at sides. Fore wing uniform glossy very pale olive-green, with traces of discoidal point and curved postmedial line, the costal edge and cilia brownish. Hind wing brownish white with a faint green tinge. Underside of fore wing browner; both wings with traces of a diffused curved postmedial line.

Hab. W. CHINA, Chang Yang (*Pratt*), 2 ♂, 1 ♀ type, Putsu-fang, 1 ♀, Kia-Ting-fu, 1 ♀, Ta-Chien-Lu (*Pratt*), 1 ♂. *Exp.* 31-38 mm.

[To be continued.]

XXXV.—*On Hipposiderus caffer*, Sund., and its closest Allies; with some Notes on *H. fuliginosus*, Temm. By KNUD ANDERSEN.

Nomenclature.

Rhinolophus caffer, Sund.; 1847*.—The type was obtained by J. Wahlberg, "circa Port Natal." Sundevall's short

* C. J. Sundevall, "Nya Mammalia från Sydafrika," *Öfv. Kgl. Vet.-Akad. Förh.* iii. no. 5 (May 13, 1846), pp. 115-119; Stockholm, 1847.